Science at Mickley Village Primary and Nursery

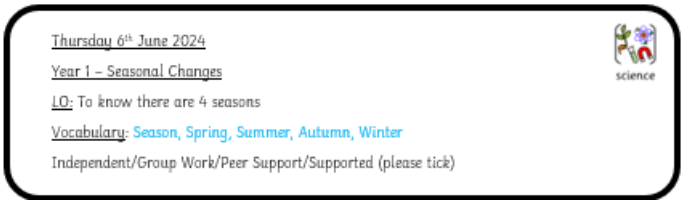
Science non-negotiables

Learning Objective:

Science learning objective will include:

- **Short date**
- **Year Group, Unit**
- **Vocabulary**
- **Independent/Supported/Peer Support/Group Work**

Example:



Books:

- **Knowledge organiser to be stuck in books for every new unit**
- **Science learning objective stuck in books for every lesson (example opposite)**
- **All work to be marked in green pen**
- **Retrieval quiz to be completed at the start of every lesson (EYFS)**
- **Retrieval Practice to be completed at the start of every lesson with last lesson, previous term and previous year questioning (Year 1 onwards)**

Working Wall:

All of our working walls will include:

- **Enquiry skill**
- **Sticky Knowledge**
- **Vocabulary**
- **Unit**
- **Knowledge Organiser**

Assessment:

- **End of Unit Assessments to be completed at the end of each unit**
- **Ongoing teacher assessment of daily work, addressing any misconceptions and closing gaps before moving on**
- **EYFS profile – Understanding the World (EYFS only)**

Science Learning Model (Lesson Structure)

Retrieval Practice	Intent	Implementation	Impact and Assessment opportunities
• Complete retrieval practice and go through any misconceptions • Review previous learning and complete any feedback	• Lesson outcome • Working scientifically • Enquiry skills and approaches • Vocabulary (Rocket Words) • Knowledge	Starter • Recap with the children and assess their understanding Main teaching • Use of presentation, career film, expert film, mission assignment and challenge task	• Review learning with assessment and vocabulary quiz